

Abstract

**PORTABLE CONVERGENT SPRAY GUN FOR APPLYING
COATINGS**

5 A convergent type of spray gun is made portable by miniaturizing the
components with the addition of a double tube, fluid tip and air cap for
defining the discharge nozzle for the liquid resin and atomizing air. The dry
powdered nozzle is likewise miniaturized and is adapted to fit over the double
tube, fluid tip and air cap arrangement by including a sleeve disposed
10 therebetween. The main body is configured in either an L-shape or straight-
through configuration. Although the component parts are miniaturized, the
spray gun is capable of flowing coating mixture at the same rate as the larger
version convergent spray gun.

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